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**CUSTOMER NUMBER 25268**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Christopher C. Toly Attorney Docket No. SIMU0004  
Serial No.: 10/718,492 Group Art Unit: 3713  
Filed: November 20, 2003 Examiner:  
Title: MEDICAL PHYSIOLOGICAL SIMULATOR INCLUDING A CONDUCTIVE  
ESASTOMER LAYER

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Bellevue, Washington 98004

January 11, 2006

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

- ☒ 1. Copies of the listed Foreign Patent Documents and Other Information are enclosed for the Examiner's use.
- ☒ 2. Copies of the listed patents, publications, and other information were previously cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. 09/695,380, filed October 23, 2000, and relied upon for an earlier filing date under 35 U.S.C. § 120.
- ☒ 3. Documents cited herein marked with an "\*\*\*" have not previously been cited in a priority application relied upon herein for an earlier filing date. Copies of any so-noted Foreign Patent Documents and Other Information are enclosed for the Examiner's use.
- ☐ 4. A concise explanation of the relevance of document I.D. No. \_\_\_\_\_ (which is not in the English language), as presently understood by the individual designated under 37 C.F.R. § 1.56(c) most knowledgeable about its content, is provided \_\_\_\_\_.
- ☒ 5. Pursuant to 37 C.F.R. § 1.97(b), this information disclosure statement is being filed within three months of the filing date of the national application, within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, or before the mailing date of a first Office Action on the merits.
- ☐ 6. Submission with RCE: Pursuant to 37 C.F.R. § 1.114, this information disclosure statement is being submitted concurrently with a Request for Continued Examination

(RCE) in the above-identified application.

7. Pursuant to 37 C.F.R. § 1.97(c), this information disclosure statement is being filed after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of either a final action under 37 C.F.R. § 1.113, or a notice of allowance under 37 C.F.R. § 1.311, and is accompanied by:

- a. \_\_\_\_\_ a certification as specified in 37 C.F.R. § 1.97(e); or
- b. \_\_\_\_\_ the fee set forth in 37 C.F.R. § 1.17(p). Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ is enclosed.

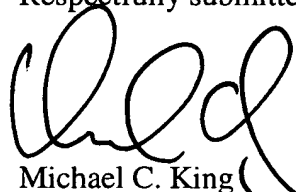
8. Pursuant to 37 C.F.R. § 1.97(d), this information disclosure statement is being filed after the mailing date of either:

- a. \_\_\_\_\_ a final action under 37 C.F.R. § 1.113; or
- b. \_\_\_\_\_ a notice of allowance under 37 C.F.R. § 1.311,

but before payment of the issue fee. The statement is accompanied by a certification as specified in 37 C.F.R. § 1.97(e), a statement requesting consideration of the information disclosure statement, and the petition fee set forth in 37 C.F.R. § 1.17(p). Check No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ is enclosed.

X 9. Please charge any additional fees or credit any overpayment to Deposit Account No. 01-1940. A copy of this sheet is enclosed.

Respectfully submitted,

  
Michael C. King  
Registration No. 44,832

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on January 11, 2006.

Date: January 11, 2006





CUSTOMER NUMBER 25268

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**LISTING SHEET**

Information Cited By Applicant(s) That May Be Material To  
The Prosecution Of The Subject Application

Applicants: Christopher C. Toly Attorney Docket No. SIMU0004  
Serial No.: 10/718,492 Group Art Unit: 3713  
Filed: November 20, 2003 Examiner:  
Title: MEDICAL PHYSIOLOGICAL SIMULATOR INCLUDING A CONDUCTIVE  
ELASTOMER LAYER

**U.S. PATENT DOCUMENTS**

<u>*Examiner</u> <u>Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Date</u>	<u>Inventor Name(s)</u>	<u>Class</u>	<u>Sub- Class</u>
	US1	2,689,415	09/1954	Haver		
	US2	2,871,579	02/1959	Niiranen et al.		
	US3	2,995,832	08/1961	Alderson		
	US4	3,426,449	02/1969	Van Noy, Jr.		
	US5	3,704,529	12/1972	Cioppa	434	272
	US6	4,439,162	03/1984	Blaine		
	US7	4,459,113	07/1984	Gatti et al.		
	US8	4,481,001	11/1984	Graham		
	US9	4,596,528	6/1986	Lewis et al.	434	270
	US10	4,767,333	8/30/1988	Born		
	US11	4,773,865	9/27/1988	Baldwin		
	US12	4,789,340	12/1988	Zikria		
	US13	5,090,910	2/25/1992	Narlo		
	US14	5,104,328	04/1992	Lounsbury	463	273
	US15	5,112,228	05/1992	Zouras		
	US16	5,137,458	08/1992	Ungs et al.		
	US17	5,149,270	09/1992	McKeown		
	US18	5,215,469	06/1993	Kohnke et al		
	US19	5,205,286	4/27/1993	Soukup et al.	128	630
	US20	5,320,537	6/14/1994	Watson		
	US21	5,320,537	06/1994	Watson		
	US22	5,425,644	06/1995	Szinicz		
	US23	5,518,406	05/1996	Waters		
	US24	5,518,407	05/1996	Greenfield et al.		
	US25	5,620,326	4/15/1997	Yunker		

## U.S. PATENT DOCUMENTS

<u>*Examiner Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Date</u>	<u>Inventor Name(s)</u>	<u>Class</u>	<u>Sub- Class</u>
	US26	5,722,836	03/03/1998	Younker	434	272
	US27	5,734,418	03/31/1998	Danna	348	76
	US28	5,754,313	05/19/1998	Pelchy et al	358	473
	US29	5,775,916	07/1998	Cooper et al.		
	US30	5,800,178	09/01/1998	Gilio	434	262
	US31	5,832,772	11/10/1998	McEwan	73	290
	US32	5,883,591	03/16/1999	McEwan	342	22
	US33	5,947,743	09/07/1999	Hasson	434	264
	US34	6,139,489	10/31/2000	Wampler et al.	600	109
	US35	6,211,904	04/03/2001	Adair et al.	348	76
	US36	6,234,804	05/2001	Young	434	267
	US37	6,527,704	03/04/2003	Chang et al.	600	112
	US38	6,659,776	12/09/2003	Aumann et al.	434	262

## FOREIGN PATENT DOCUMENTS

<u>*Examiner Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Publication Date</u>	<u>Country</u>	<u>Class</u>	<u>Sub- Class</u>	<u>Translati on?</u>
	F1	CH 646538 A	11/1984	Switzerland	G09B 23/28		
	F2	WO 93/14483	7/23/1993	PCT			
	F3	WO 93/16664	09/02/1993	PCT			
	F4**	DE 4212908	10/21/1993	DE	G09B	23/28	No
	F5**	WO 93/21619	10/28/1993	PCT			
	F6**	2 691 826	12/03/1993	France	X (Abstract)		
	F7	GB 2 277 826 B	11/9/1994	UK			
	F8	WO 94/25948	10/10/1994	PCT			
	F9	WO 98/58358	12/1998	PCT	G09B 23/28		

## OTHER INFORMATION

<u>*Examiner Initial</u>	<u>Document No.</u>	<u>Document Information</u>
	O1	Catalog, Everest Medical Corporation, Minneapolis, MN, 1994.
	O2	Catalog, Advanced Surgical, Inc., Princeton, N.J., early as 04/96.
	O3	Limbs & Things Ltd. Brochure, Bristol, England, 18 pp. 1996.
	O4	"Product News," Limbs & Things Newsletter, 4pp. 1995.
	O5	"Human Patient Simulator," Medical Education Technologies, Inc., < <a href="http://www.meti.com/-home.html">http://www.meti.com/-home.html</a> >
	O6	Emergency Cricothyroidotomy, <a href="http://www.cpp.usmc.mil/schools/fmss/-Power%20Point/0410.PPT">http://www.cpp.usmc.mil/schools/fmss/-Power%20Point/0410.PPT</a>
	O7	Patient Simulator Program, <a href="http://www.csc.edu/docs/nurs/patientsim.htm">http://www.csc.edu/docs/nurs/patientsim.htm</a>

## OTHER INFORMATION

*Examiner Initial	Document No.	Document Information
_____	O8**	" <u>The Good, The Bad, and The Ugly</u> " Target material. Kaman Measuring Systems, 2004, 3pages. < <a href="http://www.kamansensors.com/html/technology/technology-tntargetmaterial.htm">http://www.kamansensors.com/html/technology/technology-tntargetmaterial.htm</a> >
_____	O9**	" <u>Variable Impedance Transducers</u> ". Kaman Measuring Systems, 2004, 2 pages. < <a href="http://www.kamansensors.com/html/technology/technology-variable.htm">http://www.kamansensors.com/html/technology/technology-variable.htm</a> >
_____	O10**	" <u>Differential Impedance Transducers</u> " Kaman Measuring Systems, 2004, 2 pages. < <a href="http://www.kamansensors.com/html/technology/technology-differential.htm">http://www.kamansensors.com/html/technology/technology-differential.htm</a> >
_____	O11**	" <u>A Low-Power Hall-Effect Switch.</u> " Sensors Magazine, June 1999. Christine Graham, 2 pages Allegro MicroSystems, Inc., USA < <a href="http://www.allegromicro.com/techpub2/3210/3210papr.htm">http://www.allegromicro.com/techpub2/3210/3210papr.htm</a> >:
_____	O12**	" <u>PNI SEN-S65 Magneto-Inductive Sensor.</u> " March 2004, PNI Corporation, 5464 Skylane blvd., Santa Rosa, CA 95403-1084 USA. 1page. < <a href="http://www.pnicorp.com">http://www.pnicorp.com</a> >
_____	O13**	" <u>Giant Magnetic Resistive Potentiometers with Strong Potentialities.</u> " (CORDIS focus, No. 45, October 2003). 2pages. < <a href="http://www.sensorsportal.com/HTML/Potentiometers_Projects.htm">http://www.sensorsportal.com/HTML/Potentiometers_Projects.htm</a> >
_____	O14**	" <u>Non-contact Thread Detection.</u> " (Sensor Applications, Application Story, March 2002). 2 pages. < <a href="http://www.sensorland.com/AppPage049.html">http://www.sensorland.com/AppPage049.html</a> >
_____	O15**	" <u>The Hall Effect.</u> " How they Work, How Sensors Work – HART Protocol. September 22, 2004. 2 pages. < <a href="http://www.sensorland.com/HowPage046.html">http://www.sensorland.com/HowPage046.html</a> >
_____	O16**	" <u>Technical Advances in Hall-Effect Sensing</u> ". (Product Description) Allegro® MicroSystems, Inc. Gilbert, Joe. 6 pages.

Examiner's Signature \_\_\_\_\_

Date: \_\_\_\_\_

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*\*Documents cited herein marked with an "\*\*\*" have not previously been cited in a priority application relied upon herein for an earlier filing date. Copies of any so-noted Foreign Patent Documents and Other Information are enclosed for the Examiner's use.

MCK:cai  
1/11/06